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**REMARKS**

Claim 1 is currently amended. Claims 2, 4-9 and 66-71 were previously presented. Claims 3, 10-65 are canceled. Accordingly, claims 1-2, 4-9 and 66-71 are pending examination.

**Rejection of Claim 1 Under 35 USC §102(b)**

Claims 1, 3, 6, 66-68, and 71 are rejected under 35 USC §102(b) as being anticipated by U.S. Patent No. 3,510,353 (McHenry).

The Applicant has amended claim 1 to include subject matter from claim 3. Since claim 3 stands rejected as being anticipated by McHenry, the following discussion addresses the rejection of claim 3 in view of McHenry.

Claim 1 is amended to recite the “the mandrel being electrically conducting and in electrical communication with the pin.” The Office Action appears to analogize McHenry’s tube 12 to the claimed mandrel and McHenry’s wire 14 to the claimed pin. However, McHenry’s tube 12 cannot be in electrical communication with the McHenry’s wire 14 because it will short McHenry’s battery. For instance, note that McHenry’s negative electrode is electrically connected to the receptacle (C2, L38-39) and the positive electrode is electrically connected to the positive button (elements 14, 16, 17, and 18 in Figure 1). As a result, McHenry’s needs a plastic washer 15 that “insulates the positive button 16 from the negative receptacle” (C2, L27-28). Since McHenry’s tube 12 cannot be in electrical communication with the McHenry’s wire 14, McHenry’s tube 12 does not teach a “mandrel being electrically conducting and in electrical communication with the pin” as is claimed.

Additionally, McHenry’s sleeve 13 does not teach the claimed mandrel because McHenry’s does not teach that the sleeve 13 is electrically conducting. Further, McHenry teaches that the tube 12 is metal (C2, L7). As a result, if the sleeve 13 were electrically conducting, the battery would be shorted. Accordingly, the sleeve 13 cannot be electrically conducting and cannot serve as the claimed mandrel.

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Since McHenry does not teach a “mandrel being electrically conducting and in electrical communication with the pin” as is claimed, McHenry does not teach every element of claim 1.

**Double Patenting Rejection**

Claims 1-3, 7-9, 66, and 71 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 55 and 72-84 of Patent application serial number 10/666,790.

The Applicant reserves the right to present a Terminal Disclaimer in view of the status of the claims in Patent application serial number 10/666,790.

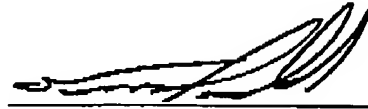
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**CONCLUSION**

The Examiner is encouraged to telephone or e-mail the undersigned with any questions.



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